

## Geosynthetics Weekly Progress Meeting Minutes

### Solutia – Sauget Area 1 Cell Construction

**Date and Time:** 8/08/01, 10:15 am

**Location:** Maverick Site Trailer

**Attendance:** John Fiore, Maverick (Construction Manager)  
 Richard Siemaszkiewicz, Golder (CQA Consultant)  
 Don Grahlherr, URS (Designer)  
 Lee Taylor, Taylor (Geosynthetics Installer)  
 Walt Stell, Environmental Precision (Surveyor)  
 Art Currier, Tetra Tech (EPA Oversight)  
 Terry Woodfin, LMS (Contractor)  
 Sandra Bron, IEPA

### **Discussion Notes:**

- Don Grahlherr assigned to be minute taker.
- Rob Watson, IEPA visited the site yesterday. John Fiore met with Rob and briefed him on the site activities. Richard provided a briefing on the liner installation methods, QC testing and QA oversight activities. Rob indicated that he was pleased with the work he observed. Rob restated his concern regarding soil placement over the wrinkles, requesting that soil placement be performed in the morning as much as possible. John indicated that the nature of the work is to place bulk quantity of soil in the morning and grade through the day. This should help in this regard. However, we can not solely place soil in the morning and maintain a reasonable schedule. Terry Woodfin stated that wrinkles will be “trapped” during placement avoiding accumulation of large wrinkles.
- Sandra Bron indicated that she will visit the site regularly and report her observations to Rob Watson.
- John Fiore stressed the importance of Health and Safety on the Site, especially being aware of the heat. Daily H&S meetings are held on site at the start of the work day by Lee Taylor. John observes liner activities and potential safety concerns daily. Several ramps have been constructed across the anchor trench. Only these ramps will be used to enter and leave the liner area from now on.
- LMS has transmitted specifications for a Tensar geogrid for use in the ramps and at the pipe risers above the sump area. Don Grahlherr and Richard Siemaszkiewicz have reviewed the transmittal and found this material to be one of the pre-accepted materials listed in the Specifications. Don and Richard will request a memo confirming acceptance from Gary Wantland..
- Lee Taylor stated that his work schedule has averaged 10 hours/day Monday to Friday and 8-hours on Saturday with the crew size remaining unchanged (about 10 laborers and 5 technicians). The Secondary liner is at about 70% complete. Geonet placement will begin today. They will not place liner in the sump area

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until the imminent threat of rain has passed (expected to be dry Friday and Saturday). The rain last week delayed deployment, however, detail work was performed during that time. Lee believes that Taylor is still on schedule overall. He expects that LMS will be placing the 1 ft tracked in fill by the middle of next week if we do not receive rain (excluding the rain expected tomorrow). The schedule to have the cell complete by the 3<sup>rd</sup> week in September should be met and it could be earlier (Terry Woodfin agreed).

- The first seven liner destructive samples passed QA shear and peel testing. We should get results for an additional four tests today.
- John Fiore has prepared a working schedule for the project. John noted that there will be no way to make up a rain day since the schedule is based on 12 hrs/day, 6 days a week. Sandra Bron expressed concern regarding the schedule and indicated that she would suggest a 7-day work week to help make up time. John stated that due to health and safety as well as fatigue concerns, the project will remain on a 6-day work week.
- John Fiore stated that communications on the Site were good and he would like this to be continued. John Fiore stated that the documentation has been good to date. The as-built survey documentation of each layer in the liner system is being generated on a daily basis. Richard Siemaszkiewicz and Don Grahlherr confirmed that the survey data appeared accurate and had been helpful.
- Taylor will be shipped two additional rolls of HDPE (textured/smooth and smooth/smooth) since the quantity required appears to have been underestimated. If these materials were from the same batch number of materials previously used on site, we should not need to do any additional conformance testing. However, if either roll is from a new batch, additional conformance tests will be taken.
- Terry Woodfin indicated that LMS would like to have the entire section of liner materials (including geogrid, geonets, geotextiles, primary HDPE, rub sheet and gravel layer) installed in the ramp areas prior to placement of the 1 ft tracked in soil such that truck traffic will be on the completed ramp rather than a temporary protective cover. Don Grahlherr indicated that the idea appeared to be acceptable, however, Gary Wantland, URS has requested that LMS provide a written work plan for this sequencing for our review including details of how the liner will be staged for later tie-in.
- With no further discussion requested, the meeting was ended at approximately 11:00 am.

c.c.: All in attendance  
Gary Wantland (URS).